## A124USSEQ.TXT

## SEQUENCE LISTING

```
<110> Biogen Idec Ma Inc.
      Bailly, Veronique
      Bonventre, Joseph
      The General Hospital Corporation
<120> Molecules and Methods for Inhibiting
  Shedding of KIM-1
<130> A124 US
<140> Not assigned yet <141> 2003-11-14
<150> 60/295449
<151> 2001-06-01
<150> 60/295907
<151> 2001-06-04
<150> PCT/US02/17402
<151> 2002-05-31
<160> 8
<170> FastSEQ for Windows Version 4.0
<210> 1
<211> 18
<212> PRT
<213> Homo Sapiens
<400> 1
Ser Ser Asp Gly Leu Trp Asn Asn Gln Thr Gln Leu Phe Leu Glu
His Ser
<210> 2
<211> 9
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<213> Homo Sapiens
Val Lys Val Gly Gly Glu Ala Gly Pro
1
<210> 3
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<213> Artificial Sequence
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<223> Consensus sequence
Leu Gln Gly Ala Ile Arg Arg Glu Pro
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## A124USSEQ.TXT

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<210> 4
<211> 20
<212> PRT
<213> Homo Sapiens
<400> 4
Cys Lys Glu Val Gln Ala Glu Asp Asn Ile Tyr Ile Glu Asn Ser Leu
Tyr Ala Thr Asp
<210> 5
<211> 15
<212> PRT
<213> Homo Sapiens
<220>
<221> VARIANT
<222> 11, 13, 15
<223> Xaa = Any Amino Acid
<400> 5
Ser Val Lys Val Gly Gly Glu Ala Gly Pro Xaa Val Xaa Leu Xaa
                                     10
<210> 6
<211> 81
<212> PRT
<213> Homo Sapiens
<400> 6
Met Pro Leu Pro Arg Gln Asn His Glu Pro Val Ala Thr Ser Pro Ser
Ser Pro Gln Pro Ala Glu Thr His Pro Thr Thr Leu Gln Gly Ala Ile
                                25
Arg Arg Glu Pro Thr Ser Ser Pro Leu Tyr Ser Tyr Thr Thr Asp Gly
                            40
Asn Asp Thr Val Thr Glu Ser Ser Asp Gly Leu Trp Asn Asn Asn Gln
                        55
                                             60
Thr Gln Leu Phe Leu Glu His Ser Leu Leu Thr Ala Asn Thr Thr Lys
65
                    70
                                         75
Gly
<210> 7
<211> 334
<212> PRT
<213> Homo Sapiens
<400> 7
Met His Pro Gln Val Val Ile Leu Ser Leu Ile Leu His Leu Ala Asp
                                     10
Ser Val Ala Gly Ser Val Lys Val Gly Glu Ala Gly Pro Ser Val
            20
                                25
Thr Leu Pro Cys His Tyr Ser Gly Ala Val Thr Ser Met Cys Trp Asn
                            40
Arg Gly Ser Cys Ser Leu Phe Thr Cys Gln Asn Gly Ile Val Trp Thr
                        55
                                             60
Asn Gly Thr His Val Thr Tyr Arg Lys Asp Thr Arg Tyr Lys Leu Leu
                                        Page 2
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A124USSEQ.TXT

65 70 75 80

Gly Asp Leu Ser Arg Arg Asp Val Ser Leu Thr Ile Glu Asn Thr Ala
85 90 95

Val Ser Asp Ser Gly Val Tyr Cys Cys Arg Val Glu His Arg Gly Trp
100 105 110

Phe Asn Asp Met Lys Ile Thr Val Ser Leu Glu Ile Val Pro Pro Lys

115
120
125
Val Thr Thr Thr Pro Ile Val Thr Thr Val Pro Thr Val Thr Thr Val
130
135
140
Arg Thr Ser Thr Thr Val Pro Thr Thr Thr Thr Val Pro Thr Thr Thr

Arg Thr Ser Thr Thr Val Pro Thr Thr Thr Thr Val Pro Thr Thr 145 150 155 160 Val Pro Thr Thr Met Ser Ile Pro Thr Thr Thr Thr Val Pro Thr Thr

Val Pro Thr Thr Met Ser Ile Pro Thr Thr Thr Val Pro Thr Thr 165 170 175

Met Thr Val Ser Thr Thr Thr Ser Val Pro Thr Thr Thr Ser Ile Pro

180 185 190 Thr Thr Thr Ser Val Pro Val Thr Thr Thr Val Ser Thr Phe Val Pro

195 200 205
Pro Met Pro Leu Pro Arg Gln Asn His Glu Pro Val Ala Thr Ser Pro 210 220 220

Ser Ser Pro Gln Pro Ala Glu Thr His Pro Thr Thr Leu Gln Gly Ala
225 230 235 240

225 230 235 240
Ile Arg Arg Glu Pro Thr Ser Ser Pro Leu Tyr Ser Tyr Thr Thr Asp

245 250 250 255

Gly Asn Asp Thr Val Thr Glu Ser Ser Asp Gly Leu Trp Asn Asn Asn 260 265 270

Gln Thr Gln Leu Phe Leu Glu His Ser Leu Leu Thr Ala Asn Thr Thr 275 280 285

Lys Gly Ile Tyr Ala Gly Val Cys Ile Ser Val Leu Val Leu Leu Ala 290 295 300

Leu Leu Gly Val Ile Ile Ala Lys Lys Tyr Phe Phe Lys Lys Glu Val

Gln Gln Leu Arg Pro His Lys Ser Cys Ile His Gln Arg Glu

<210> 8 <211> 359

<212> PRT <213> Homo Sapiens

<400> 8 Met His Pro Gln Val Val Ile Leu Ser Leu Ile Leu His Leu Ala Asp 10 Ser Val Ala Gly Ser Val Lys Val Gly Glu Ala Gly Pro Ser Val 20 25 30 20 30 Thr Leu Pro Cys His Tyr Ser Gly Ala Val Thr Ser Met Cys Trp Asn 40 Arg Gly Ser Cys Ser Leu Phe Thr Cys Gln Asn Gly Ile Val Trp Thr 50 60 Asn Gly Thr His Val Thr Tyr Arg Lys Asp Thr Arg Tyr Lys Leu Leu 70 Gly Asp Leu Ser Arg Arg Asp Val Ser Leu Thr Ile Glu Asn Thr Ala 85 90 Val Ser Asp Ser Gly Val Tyr Cys Cys Arg Val Glu His Arg Gly Trp 100 105 110 Phe Asn Asp Met Lys Ile Thr Val Ser Leu Glu Ile Val Pro Pro Lys 115 120 125 Val Thr Thr Pro Ile Val Thr Thr Val Pro Thr Val Thr Thr Val 135 140 Arg Thr Ser Thr Thr Val Pro Thr Thr Thr Thr Val Pro Thr Thr Thr 150 155 Val Pro Thr Thr Met Ser Ile Pro Thr Thr Thr Thr Val Pro Thr Thr 165 170

A124USSEQ.TXT Met Thr Val Ser Thr Thr Thr Ser Val Pro Thr Thr Ser Ile Pro 180 185 190 Thr Thr Thr Ser Val Pro Val Thr Thr Val Ser Thr Phe Val Pro Pro Met Pro Leu Pro Arg Gln Asn His Glu Pro Val Ala Thr Ser Pro 210 220 215 Ser Ser Pro Gln Pro Ala Glu Thr His Pro Thr Thr Leu Gln Gly Ala 225 230 235 The Arg Arg Glu Pro Thr Ser Ser Pro Leu Tyr Ser Tyr Thr Thr Asp 245 250 Gly Asn Asp Thr Val Thr Glu Ser Ser Asp Gly Leu Trp Asn Asn Asn 265 270 260 Gln Thr Gln Leu Phe Leu Glu His Ser Leu Leu Thr Ala Asn Thr Thr 275 280 285 Lys Gly Ile Tyr Ala Gly Val Cys Ile Ser Val Leu Val Leu Leu Ala 290 295 300 Leu Leu Gly Val Ile Ile Ala Lys Lys Tyr Phe Phe Lys Lys Glu Val 305 310 315 320 Gln Gln Leu Ser Val Ser Phe Ser Ser Leu Gln Ile Lys Ala Leu Gln 325 330 335 Asn Ala Val Glu Lys Glu Val Gln Ala Glu Asp Asn Ile Tyr Ile Glu 340 \_ 345 350 Asn Ser Leu Tyr Ala Thr Asp